
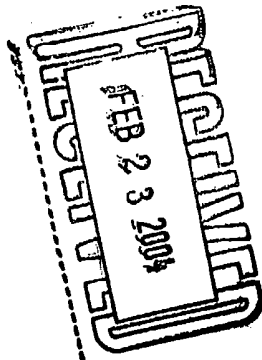


ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Quantitative Microfluidic Biochip and Method of Use						
Application Number: 09/973209							
Confirmation Number: 5806							
First Named Applicant: Winston Ho							
Attorney Docket Number:							
Art Unit: 1641							
Examiner: Ann Y. Lam <i>Melanie Yu</i>							
Search string: (6186660 or 6270641 or 6268219 or 4710472 or 6300138 or 4426451 or 4690899 or 5164598 or 5229297 or 5096669 or 6429025 or 6238538).pn.							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>my</i>	1	6186660	2001-02-13	Kopf-Sill			
<i>my</i>	2	6270641	2001-08-07	Griffiths			
<i>1</i>	3	6268219	2001-07-31	McBride			
	4	4710472	1987-12-01	Saur			
	5	6300138	2001-10-09	Gleason, et al.			
	6	4426451	1984-01-17	Columbus			
	7	4690899	1987-09-01	Klose, et al.			
	8	5164598	1992-11-17	Hillman, et al.			
	9	5229297	1993-07-20	Schnipelsky, et al.			
	10	5096669	1992-03-17	Lauks, et al.			
<i>✓</i>	11	6429025	2002-08-06	Parce, et al.			
<i>my</i>	12	6238538	2001-05-29	Parce, et al.			
Signature <i>Melanie Yu</i> 10/4/04							
Examiner Name					Date		

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	
				Filing Date	10/5/2001
				First Named Inventor	Winston Z. Ho
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	

JCS/ST/US/PTO
 09/07/2001

[illegible][illegible]

Examiner Signature	<i>Melano</i>	Date Considered	10/4/04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (08-00)
Approved for use through 10/3 1/2002. OMB 0651-0031

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number		
			Filing Date		
			First Named Inventor	10/5/2001	
			Group Art Unit	Winston Z. Ho	
			Examiner Name		
			Attorney Docket Number		
Sheet	2	of	2		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>my</i>		S. Abramowitz, "DNA Analysis in Microfabricated Format", J. of Biomedical Microdevices, 1:2, 107 (1999)	
↓		M. J. Feldstein, "Array Biosensor: Optical and Fluidics System", J. of Biomedical Microdevices, 1:2, 139 (1999)	
<i>my</i>		I. Kleps, "New Micro- and Nanoelectrode Array for Biomedical Application", J. of Biomedical Microdevices, 3:1, 29 (2001)	


Examiner Signature	<i>Melan</i>	Date Considered	10/4/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 14

(Use as many sheets as necessary)

Complete if Known

Application Number	09/973.209
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Filing Date	October 9, 2001
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First Named Inventor	Ho
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Art Unit	1641
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Examiner Name	Lam, Ann Y.
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Attorney Docket Number	1179/204
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Sheet	1	of	2
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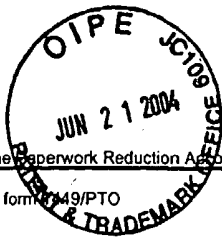
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
my my	1.	EP1203959A1	05-08-2002	Asahi Kasei		
	2.	DE19858443A1	07-06-2000	Mikrotechnik		

Examiner Signature	<i>Melan</i>	Date Considered	10/4/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 149/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 09/973,209

Filing Date October 9, 2001

First Named Inventor Ho

Art Unit 1641

Examiner Name Lam, Ann Y.

Sheet 2 of 2 Attorney Docket Number 1179/204

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
my	1.	International Search Report of Counterpart PCT Application No. PCT/US04/00768	

Examiner Signature		Date Considered	10/4/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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